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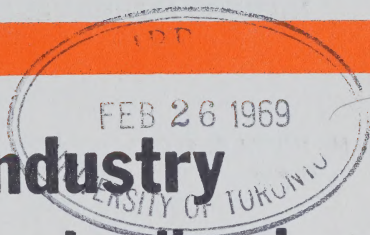


FABRICATION GAPS

in Canadian Industry

..... a report on leading imports

Economics & development dept. Trade & industry branch



INDUSTRIAL DEVELOPMENT BRANCH
**ONTARIO DEPARTMENT OF
COMMERCE & DEVELOPMENT**

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**DEPARTMENT OF COMMERCE AND DEVELOPMENT
INDUSTRIAL DEVELOPMENT BRANCH**

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Since first issued as a bulletin in 1952, this report on "Fabrication Gaps in Canadian Manufacturing Industry" has developed into one of the most widely-sought sources of reference published by the Industrial Development Branch.

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This booklet, published annually by the Industrial Development Branch, is an abstract of Canadian import statistics. It shows the value of hundreds of products absorbed into the Canadian economy from abroad for the period 1957-1960.

These statistics are published with a view to stimulating interest in this country's imports particularly on the part of Canadian as well as British, American and European manufacturers. Study of these statistics may well indicate possible opportunities for the manufacture of new products and the establishment of new industries.

In 1960 Canada imported \$5.5 billion worth of goods and as in the past most of these imports were in fully manufactured form. As indicated on the opposite page some 78 per cent of our imports were fully fabricated. While these imports are excessively large they also represent one of the prime target areas for industrial opportunities. Canadian manufacturers, for a variety of reasons, cannot hope to fabricate all the products consumed in this country. However, manufacturers have shown repeatedly that, after careful study of import as well as other statistics, import replacement can be effected.

The continuous advent on the Canadian market of goods, heretofore imported but now made domestically, indicates that the four billion dollars worth of fully manufactured goods we import annually represents a continuing source of prime industrial opportunities.

The Industrial Development Branch assists domestic manufacturers as well as those from the United States, the United Kingdom and Europe who are interested in exploring the opportunities of the Canadian market. The Industrial Development Branch provides a professional, confidential and free advisory service to manufacturers interested in acquiring new products or who are intent on locating a branch operation or establishing a manufacturing arrangement.

IMPORTS INTO CANADA BY MAIN COMMODITY GROUPS

and PERCENTAGE DEGREE OF FABRICATION

Main Group	Year	1957 to 1960 Value in \$ millions	Raw Materials %	Degree of Fabrication Partially Manu- factured %	Fully Manu- factured %
Agricultural and Vegetable Products	1957	652.2	46	18	36
	1958	652.7	46	16	38
	1959	684.0	46	17	37
	1960*	681.3			
Animals and Animal Products	1957	124.6	43	17	40
	1958	128.9	46	15	39
	1959	146.6	50	15	35
	1960*	143.7			
Fibres, Textiles and Textile Products	1957	408.6	19	6	75
	1958	387.3	17	5	78
	1959	420.2	15	5	80
	1960*	433.5			
Wood, Wood Products and Paper	1957	225.9	6	19	75
	1958	235.6	4	20	76
	1959	272.3	4	25	71
	1960*	266.1			
Iron and Iron Products	1957	2,131.0	2	1	97
	1958	1,852.1	1	1	98
	1959	2,092.1	1	1	98
	1960*	2,046.3			
Non-Ferrous Metals and Products	1957	484.9	14	8	78
	1958	432.2	9	7	84
	1959	471.3	10	6	84
	1960*	471.1			
Non-Metallic Minerals and Products	1957	777.7	59	3	38
	1958	682.9	59	2	39
	1959	705.6	57	2	41
	1960*	672.2			
Chemicals and Allied Products	1957	293.8	—	1	99
	1958	290.4	—	—	100
	1959	327.0	—	—	100
	1960*	338.7			
Miscellaneous Commodities	1957	374.6	—	—	100
	1958	388.3	—	—	100
	1959	389.9	—	—	100
	1960*	439.5			
Total Imports	1957	5,473.3	18	5	77
	1958	5,050.5	18	5	77
	1959	5,508.9	17	5	78
	1960*	5,492.3			

— Dash indicates zero percent.

* Degree of Fabrication for 1960 not available.

MAJOR INDIVIDUAL ITEMS IN EACH OF THE MAIN GROUPS

Dollar Value of Imports and major sources, 1957 to 1960

Agricultural and Vegetable Products

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Tomato paste, canned	4.4	3.1	2.2	2.8	U.S.
Pickles	1.2	1.9	1.9	1.8	U.S.
Cereal foods	1.3	1.2	1.2	1.3	U.S.
Biscuits	4.9	5.6	6.2	6.3	U.K.
Confectionary, chocolate	4.1	4.7	5.0	5.4	U.K.
Confectionary, sugar candy	3.9	4.7	5.1	6.0	U.K.
Whisky	9.5	9.2	7.9	7.6	U.K.
Wines	5.3	5.9	6.1	6.5	France
Rubber mats and matting	1.2	1.5	1.6	1.6	U.S.
Weatherstripping of rubber	1.2	1.0	.9	.9	U.S.
Hose, rubber or rubberlined	2.7	2.3	2.4	2.6	U.S.
Tire casing, n.o.p.	6.6	5.9	7.2	7.5	U.S.
Manufacturers of rubber, n.o.p.	5.6	5.5	6.2	6.3	U.S.
Automotive parts of rubber	1.9	1.9	2.0	2.4	U.S.

Animals and Animal Products

Dressed leather	4.3	4.3	4.2	5.2	U.K.
Men's leather boots and shoes	3.1	3.7	4.6	4.6	U.K.
Women's and children's boots and shoes	4.0	4.8	4.9	5.1	U.S.
Sausage casings	4.8	4.0	3.4	3.7	N.Z.
Beef and veal, fresh	2.5	4.2	7.4	6.4	U.S.
Beef, canned	4.5	4.8	5.4	3.3	Arg.
Cheese	4.5	5.3	6.0	6.5	Italy

Fibres, Textiles and Textile Products

Coloured cotton fabric	37.3	38.7	43.0	47.7	U.S.
Cotton denims	2.0	1.7	1.5	1.7	U.S.
Cotton fabric, not bleached	10.1	10.5	10.3	9.2	U.S.
Canton flannels	2.3	2.4	2.4	3.0	Japan
Cotton cheesecloth and gauze	3.5	3.4	3.3	2.5	U.S.
Cotton fabric, knitted	1.4	1.8	1.4	1.6	U.S.
Cotton fabric cut, weft pile	2.5	2.8	2.9	4.3	U.S.
Lace, not coloured	1.1	.9	1.0	1.2	Austria
Cotton clothing, wearing apparels	12.0	13.6	18.1	19.9	Japan
Cotton quilts, counterpanes	1.2	1.2	1.3	1.3	U.S.
Cotton sheets	.9	1.5	1.8	1.6	U.S.
Cotton towels	3.9	3.5	3.1	2.8	U.S.
Cotton pillow cases	1.0	1.1	.9	1.0	Japan
Fabrics, jute unbleached, n.o.p.	10.7	11.1	12.1	11.7	India
Carpets, except oriental	11.6	9.9	9.8	9.0	U.K.
Sheets, tablecloths, towels, flax	1.2	1.0	1.2	1.4	U.K.
Synthetic yarns, thread, n.o.p.	3.0	2.4	2.2	1.7	U.S.
Synthetic staple fibres	8.0	3.6	5.2	5.0	U.S.
Ribbons of synthetic fibres	1.2	1.2	1.3	1.2	U.S.

n.o.p. — not otherwise provided for.

Fibres, Textiles and Textile Products (continued)

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Synthetic curtains and manufacturers, n.o.p.	6.7	7.2	7.7	7.8	U.S.
Cotton fabrics coated, n.o.p.	5.0	5.3	5.2	5.4	U.S.
Synthetic fabrics, fibre coated	4.1	4.4	4.2	5.1	U.S.
Hats, n.o.p.	1.5	1.7	1.8	1.7	U.S.
Flannels	3.2	2.7	3.1	2.8	U.K.
Overcoatings	4.2	4.2	4.1	3.9	U.K.
Tweeds	5.8	3.3	3.6	3.4	U.K.
Worsted and serges	24.9	22.3	21.7	21.6	U.K.
Woven wool fabrics, n.o.p.	1.7	1.4	1.7	2.2	U.K.
Wool wearing apparels, all kinds	14.9	13.2	14.6	17.1	U.K.
Synthetic yarns for tire fabric	1.2	1.3	2.5	1.1	U.S.
Synthetic fibre fabrics, n.o.p.	22.5	23.8	24.2	23.9	U.S.
Wearing apparel of synthetic fibre fabrics	10.8	12.1	20.2	17.9	Japan
Oilcloth and floor linoleum	5.7	6.8	7.8	7.1	U.K.
Corsets, girdles and brassieres	1.3	1.2	1.4	1.4	U.S.
Synthetic fibre manufactures, n.o.p.	5.5	6.0	6.6	6.9	U.S.

Wood, Wood Products and Paper

Building and insulating board	5.6	4.5	4.8	4.9	U.S.
Electric cable insulating paper	1.4	1.3	1.4	1.4	U.S.
Furniture, mainly of wood	7.4	8.3	10.5	10.6	U.S.
Hardwood flooring	2.1	3.1	3.4	1.7	U.S.
Manufactures of paper, n.o.p.	6.8	6.8	7.2	7.5	U.S.
Manufactures of wood, n.o.p.	4.8	5.1	6.1	5.5	U.S.
Paperboard containers, n.o.p.	3.5	3.4	3.5	3.6	U.S.
Photographers papers	3.7	3.6	4.3	5.2	U.S.
Plywood and veneer	5.7	7.2	16.7	8.8	U.S.
Pulpwood other, fibreboard, n.o.p.	1.3	1.5	2.1	1.9	U.S.
Pulpwood for manufacture of wallboard	2.9	3.3	1.8	1.3	U.S.
Shipping containers	1.7	1.4	.9	1.0	U.S.
Sulphite pulp, unbleached, n.o.p.	1.4	1.2	1.3	1.6	U.S.
Sulphite pulp, unbleached	3.7	2.6	2.8	3.2	U.S.

n.o.p. — not otherwise provided for.

Iron and Its Products

Table I. Dollar value of Imports in the Sub-classifications of the Main Group
"IRON AND ITS PRODUCTS"

	1957	1958	1959	1960
	Thousands of Dollars			
Castings and forgings	17,680	12,470	12,575	8,465
Chains	5,141	4,942	6,098	5,698
Engines and boilers	138,451	134,603	135,002	141,418
Farm implements and machinery	202,230	198,292	273,821	228,660
Ferro-alloys	4,979	4,213	7,100	8,863
Hardware and cutlery	23,527	23,683	28,360	25,263
Iron ore	36,387	28,932	27,129	48,370
Machinery except agricultural	631,600	532,929	585,233	579,792
Pigs, ingots, blooms and billets	3,785	2,845	3,445	4,600
Rolling mill products	221,257	147,491	137,331	134,758
Scrap, iron and steel	19,398	8,749	23,803	18,598
Stamped and coated products	14,124	15,749	16,628	14,757
Tools and hand implements	36,227	34,741	36,517	34,279
Tubes, pipes and fittings	147,727	88,371	55,305	48,405
Vehicles, chiefly of iron	421,916	421,359	534,907	555,027
Other — iron and its products	193,809	175,087	188,441	170,862
	2,131,030	1,852,187	2,092,093	2,046,307

Table II Dollar value of Imports of Selected Items from the Main Group
"IRON AND ITS PRODUCTS"

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Steel wheels for railways	5.7	4.2	4.1	1.4	U.K.
Welding rods of all kinds	4.0	3.8	4.4	4.0	U.S.
*Steel bars hot and cold rolled			18.9	14.9	U.S.
*Plates			12.6	14.2	U.S.
*Sheets, carbon hot rolled			6.8	4.6	U.S.
*Sheets, carbon cold rolled			9.2	3.9	U.S.
*Sheets, coated			10.5	9.9	U.S.
*Sheets, alloy steel, n.o.p.			8.3	12.6	U.S.
*Sheet and strip silicon steel			7.2	6.1	U.S.
*Beams, bars and structural shapes			58.7	58.8	U.S.
*Pipes and tubes			44.2	36.6	U.S.
*Pipe fittings and couplings			11.1	11.6	U.S.
Wire for manufacture of wire rope	4.2	3.6	4.7	4.8	U.K.
Engines, diesel and semi-diesel, n.o.p.	25.9	17.4	22.5	15.5	U.S.
Diesel engine parts, n.o.p.	16.4	14.9	16.4	13.4	U.S.
Boilers and parts	3.7	3.8	3.5	2.8	U.S.
Automobile engine and parts	12.8	11.9	11.7	14.2	U.S.
Motor truck engines and parts	9.9	8.0	14.1	11.8	U.S.
Aircraft engines	12.7	23.0	13.6	22.7	U.S.
Aircraft engine parts	22.6	22.1	23.7	27.8	U.S.
Outboard motors and parts	6.5	8.5	9.0	9.2	U.S.
Gas, engines, n.o.p., and parts	15.9	14.3	13.5	16.0	U.S.

n.o.p. — not otherwise provided for.

*Due to re-classification of items, annual totals are not available.

Iron and Its Products (continued)

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Steam engines, n.o.p. and parts	2.4	2.8	2.5	2.3	U.S.
Milking machines and parts	1.8	2.3	2.1	2.1	U.S.
Power dairy machinery	2.7	4.2	3.0	2.5	U.S.
Harvesters and parts	3.3	2.3	2.8	2.7	U.S.
Mowing machines and parts	2.5	2.7	3.9	3.2	U.S.
Cultivators, scufflers and parts	3.5	4.9	7.2	7.2	U.S.
Seeders, seed drills and parts	1.5	1.7	2.2	2.4	U.S.
Disc harrows and parts	.9	.9	1.6	1.4	U.S.
Ploughs and parts, n.o.p.	1.8	2.4	3.1	2.4	U.S.
Combines, harvesters and parts	16.4	19.5	27.0	25.3	U.S.
Hay presses and parts	11.5	8.0	10.3	11.1	U.S.
Manure spreaders and parts	2.0	2.6	3.2	2.6	U.S.
Spraying and dusting machines	1.8	2.1	2.0	2.1	U.S.
Tractors, internal combustion	83.0	76.5	115.2	83.3	U.S.
Tractor parts and accessories	44.7	40.8	56.8	48.2	U.S.
Agricultural implements, n.o.p. and parts	13.0	15.4	19.9	20.5	U.S.
Nuts and bolts, washers and rivets	6.7	5.6	7.2	5.9	U.S.
Machine screws	2.4	1.9	2.7	2.7	U.S.
Electric vacuum cleaners	4.5	4.8	5.4	4.0	U.S.
Hand vacuum cleaners and parts	2.2	2.3	2.9	2.7	U.S.
Sewing machines, parts and attachments	7.0	7.9	6.7	6.6	U.S.
Washing machines and parts	9.2	8.2	11.6	11.1	U.S.
Cloth dryers and parts	2.3	2.8	4.4	3.9	U.S.
Loading machinery and conveyors for mines	18.3	11.8	14.8	10.1	U.S.
Rock drills and parts	3.2	2.0	2.2	2.3	U.S.
Well drilling machinery	51.6	37.4	38.3	35.8	U.S.
Adding machines and parts	2.4	2.2	2.7	2.5	U.S.
Bookkeeping machines and parts	17.3	14.1	19.3	23.2	U.S.
Cash registers and parts	2.7	2.8	4.1	3.2	U.S.
Dictating machines and parts	2.5	2.1	2.3	2.0	U.S.
Typewriters and parts	9.2	6.4	8.1	7.9	U.S.
Paper-working machinery	13.4	11.9	13.9	15.3	U.S.
Newspaper presses and parts	4.3	1.1	8.2	1.5	U.S.
Printing presses, n.o.p. and parts	10.1	10.1	11.4	12.1	U.S.
Type-casting machines and parts	2.5	2.3	2.6	2.7	U.S.
Air compressing machinery and parts	15.4	15.7	12.5	12.4	U.S.
Bakery machinery and parts	3.4	3.5	3.4	3.7	U.S.
Cranes, hoists and parts	17.0	11.5	10.7	10.7	U.S.
Refrigerating machinery and parts	7.4	8.1	9.7	11.5	U.S.
Logging machinery and parts	12.2	8.4	9.3	8.6	U.S.
Lawnmowers, power and hand, and parts	2.6	2.8	4.2	5.1	U.S.
Metal drilling machinery and parts	8.1	4.0	2.6	3.0	U.S.
Metal grinding machinery and parts	7.5	4.7	5.1	5.4	U.S.
Metalworking lathes and parts	8.0	4.6	4.9	4.6	U.S.
Metalworking presses and parts	8.9	7.5	6.3	5.0	U.S.
Metal rolling mill machinery and parts	10.4	9.7	8.7	7.7	U.S.
Metal shapers and slotters and parts	1.6	1.0	.6	.7	U.S.
Metal working machinery, n.o.p. and parts	17.1	10.4	10.5	9.6	U.S.

n.o.p. — not otherwise provided for.

Iron and Its Products (continued)

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Metal milling machines and parts	4.1	4.4	2.3	2.9	U.S.
Motion picture projectors	3.4	4.0	4.5	4.6	U.S.
Paper mill machines and parts	15.1	13.0	6.8	8.3	U.S.
Power pumps, n.o.p. and parts	12.3	11.9	11.7	11.3	U.S.
Road-making machinery and parts	7.8	6.5	8.1	6.1	U.S.
Power shovels and parts	26.3	17.1	19.3	10.9	U.S.
Yarn, cord and fabric machinery and parts	23.0	16.6	19.9	19.6	U.S.
All machinery, n.o.p. and parts	129.4	128.2	138.6	152.2	U.S.
Air conditioning apparatus and parts	11.2	9.9	11.3	12.0	U.S.
Bottling machines and parts	3.9	2.7	3.2	4.8	U.S.
Bulldozers, earthmovers and parts	15.2	13.1	17.5	13.3	U.S.
Conveying equipment and parts	12.2	6.7	9.1	6.5	U.S.
Stonecrushing machinery and parts	4.5	4.3	5.0	3.9	U.S.
Woodworking machinery and parts	4.4	6.1	8.9	7.6	U.S.
Iron hollow-ware	4.3	3.9	3.9	3.5	U.S.
Manufactures of tin and tinplate, n.o.p.	3.4	5.1	3.8	3.5	U.S.
Augers, bits and drills	2.8	2.2	2.5	2.5	U.S.
Wrenches	3.0	2.8	2.9	2.8	U.S.
Adzes, cleavers, hatchets and planes	1.8	1.7	1.9	1.9	U.S.
Engineers' precision tools	7.1	6.6	6.6	5.8	U.S.
Tools, n.o.p.	9.5	9.0	9.9	9.7	U.S.
Tools for use in machines	9.9	10.3	10.6	9.4	U.S.
New passenger automobiles	99.9	135.7	191.9	213.7	U.K.
Trucks	29.3	23.7	29.7	23.2	U.S.
Truck axles, brakes and clutches	20.3	17.9	29.4	28.2	U.S.
Automobile parts, n.o.p.	233.3	216.9	252.2	232.3	U.S.
Railway cars and parts — freight and passenger	8.3	5.7	5.5	3.8	U.S.
Factory and warehouse motor trucks	2.6	1.0	1.4	1.2	U.S.
Ball and roller bearings for automobiles	3.1	3.5	4.1	2.4	U.S.
Roller bearings and parts, n.o.p.	9.4	6.4	9.1	9.9	U.S.
Ball bearings and parts, n.o.p.	6.8	5.6	8.3	9.4	U.S.
Drums, cylinders, barrels and tanks	2.6	2.4	2.7	2.6	U.S.
Steel bottles for gas	2.4	1.2	1.7	1.3	U.S.
Metal furniture	8.6	8.8	9.8	9.7	U.S.
Safes and doors for vaults	1.3	1.5	1.6	1.6	U.S.
Scales and balances	3.1	2.6	3.1	3.8	U.S.
Iron and steel valves, n.o.p.	14.9	11.6	10.9	11.5	U.S.
Gas cooking stoves	2.2	2.1	1.9	1.3	U.S.
Electric cooking and heating apparatus, n.o.p.	8.7	9.2	10.8	9.6	U.S.
Cooking and heating apparatus parts, n.o.p.	12.2	13.3	15.9	13.3	U.S.
Industrial furnaces and parts	3.7	3.1	2.4	2.8	U.S.
Water heaters — all types — and parts	3.0	2.9	2.6	1.9	U.S.

n.o.p. — not otherwise provided for.

Non-Ferrous Metals and Products

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Aluminum pipe, tubes, plates, sheets and strip	4.7	5.4	6.3	6.0	U.S.
Aluminum household hollow-ware	1.8	1.6	1.5	1.5	U.S.
Aluminum manufactures, n.o.p.	13.0	12.9	14.6	14.9	U.S.
Brass valves	4.4	4.4	4.9	5.0	U.S.
Brass manufactures, n.o.p.	11.8	11.8	12.8	11.5	U.S.
Nickel-plated ware, n.o.p.	1.6	1.7	2.0	1.6	U.S.
Nickel bars, rods, strips, sheets	3.5	3.6	3.2	3.8	U.S.
Electro-plated and gilt-ware	12.9	13.6	14.1	13.4	U.S.
Zinc manufactures, n.o.p.	2.3	2.2	2.2	2.2	U.S.
Clocks and clock parts	3.2	2.7	2.7	2.9	U.S.
Watches and watch parts	9.9	8.8	8.6	8.6	Swz.
Electric heating apparatus, n.o.p.	2.2	2.0	2.3	2.4	U.S.
Dynamos, generators and parts, n.o.p.	17.1	12.1	10.2	9.6	U.S.
Electric motors and parts	21.0	16.2	17.5	13.6	U.S.
Electric meters and parts	2.7	2.8	2.7	2.8	U.S.
Rheostats, controllers and starters	11.1	10.2	13.2	12.8	U.S.
Electric sockets, outlets and receptacles	2.1	1.9	2.2	2.2	U.S.
Switches, switchboards and parts	14.7	12.0	12.8	11.7	U.S.
Telegraph apparatus and parts	8.0	4.6	5.1	4.8	U.S.
Telephone apparatus and parts	18.1	15.0	11.7	12.0	U.S.
Transformers and parts, n.o.p.	10.4	8.1	7.7	8.1	U.S.
Radio and TV tubes	6.5	7.4	7.8	7.8	U.S.
Radio tube parts	5.7	7.1	7.4	6.8	U.S.
Radio receiving sets	2.9	6.5	11.7	11.9	Japan
Radio apparatus, n.o.p.	34.1	33.3	32.8	36.4	U.S.
Electric shavers and parts	4.7	3.7	3.8	4.5	U.S.
Electric apparatus, n.o.p.	32.3	30.6	34.0	32.3	U.S.
Electric precision apparatus	13.1	15.8	13.3	15.0	U.S.
Electric or gas welding apparatus	7.4	5.5	7.1	7.3	U.S.
Radio set parts	6.1	6.2	6.0	5.7	U.S.
Sound equipment	2.8	3.0	3.7	4.5	U.S.
Buckles, clasps, eyelets and hooks	1.8	1.8	2.0	1.9	U.S.
Elements for lamp filaments	1.4	1.1	1.3	1.2	U.S.
Covered non-ferrous wire	6.9	6.8	7.1	7.0	U.S.
Storage batteries and parts, n.o.p.	2.3	1.8	2.1	2.1	U.S.
Fuses, fuse plugs, cutouts and parts	1.4	1.3	1.2	1.1	U.S.
Electric steam generators and parts	3.7	12.2	26.5	15.7	U.K.

Non-Metallic Minerals and Products

Asbestos, manufactures, n.o.p.	3.9	3.0	2.6	2.8	U.S.
Fire brick, various types	14.4	10.0	12.3	12.7	U.S.
Tableware of china and porcelain	12.9	14.2	13.9	13.3	U.K.
Artificial teeth, not mounted	1.2	1.4	1.3	1.7	U.S.
Baths, bathtubs, basins, etc.	4.2	4.7	4.4	3.5	U.S.
Glass carboys, bottles and jars	6.9	8.1	7.3	6.6	U.S.
Sheet glass	4.4	7.2	8.5	7.5	Belg.
Plate glass	11.8	12.1	16.4	11.7	U.S.
Glass tableware, cut glass, n.o.p.	3.8	4.3	4.6	5.2	U.S.

n.o.p. — not otherwise provided for.

Chemicals and Allied Products

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
Lamp bulbs and tubing	2.6	2.6	2.8	2.8	U.S.
Moulded shapes for electric fixtures	1.6	1.8	2.2	2.5	U.S.
Mirrors of glass	1.6	1.5	1.8	1.8	U.S.
Manufactures of glass, n.o.p.	3.4	3.5	3.4	3.7	U.S.
Aviation gasoline	24.3	16.0	17.5	10.3	U.S.
Light fuel oils, Nos. 2 and 3	27.7	25.3	29.6	21.7	U.S.
Heavy fuel oils, Nos. 4, 5 and 6	25.8	16.5	23.6	24.1	U.S.
Diesel fuel	6.6	6.1	5.5	8.3	U.S.
Grinding wheels, bonded	1.9	1.8	2.2	1.9	U.S.
Portland cement	1.9	1.0	.9	.7	U.S.
Heat resisting glassware	4.5	4.9	5.9	6.4	U.S.
Cellulose acetate photo film	1.2	1.3	1.5	1.1	U.S.
Antibiotics	6.5	5.9	6.4	5.3	U.S.
Disinfectants	8.9	8.9	12.0	9.9	U.S.
Medicinal preparations	9.2	9.6	10.1	11.1	U.S.
Chemical compounds for dyeing, tanning, n.o.p.	1.7	1.4	1.4	1.2	U.S.
Nitrogen solution	1.9	1.4	1.2	1.2	U.S.
Superphosphate	5.1	5.3	5.5	2.2	U.S.
Titanium oxide	10.8	8.5	8.9	7.6	U.S.
Carbon black	2.6	2.2	2.7	2.0	U.S.
Oxides, fillers, colours, dry, n.o.p.	3.3	3.4	4.3	4.0	U.S.
Liquid fillers and paints, n.o.p.	2.4	3.0	3.0	3.2	U.S.
Chlorine liquid, chlorine gas	1.9	1.3	1.5	1.6	U.S.
Cleaning compounds, sodium base	2.4	2.7	2.6	3.2	U.S.
Sodium compounds, n.o.p.	2.0	2.3	2.4	2.9	U.S.
Printing Ink	1.2	1.2	1.3	1.5	U.S.
Other drugs, chemicals, n.o.p.	64.8	63.0	80.4	78.4	U.S.
Weed killing preparations	3.4	3.1	2.8	4.7	U.S.
Aniline dyes	7.6	8.0	8.3	8.6	U.S.
Caustic soda in solution	2.3	1.5	1.7	2.0	U.S.
Synthetic resins	23.3	25.4	26.2	28.7	U.S.
Synthetic resin compounds, mouldings etc.	4.4	6.0	8.2	7.3	U.S.
Synthetic or protein plastics — primitive shapes	9.6	9.7	10.6	11.8	U.S.
Manufactures of synthetic resins or protein plastics	16.1	20.3	23.7	27.3	U.S.
Materials for plastics, n.o.p.	9.6	10.2	13.4	18.1	U.S.
Butadiene	6.4	3.8	1.7	2.9	U.S.
Petroleum refining catalysts	6.5	2.8	2.7	1.9	U.S.
Cellulose plastics primitive shapes	1.6	1.6	2.0	2.7	U.S.
Manufactures of cellulose plastics, n.o.p.	2.0	2.1	2.1	1.9	U.S.
Manufactures of regenerated cellulose, n.o.p.	1.9	1.7	1.8	2.4	U.S.
Synthetic resin composition, n.o.p.	2.1	2.2	2.6	2.7	U.S.
Synthetic resin shapes, reinforced	2.0	2.2	3.3	3.7	U.S.

n.o.p. — not otherwise provided for.

Miscellaneous Commodities

	1957	1958	1959	1960	Major Source
	Millions of Dollars				
X-ray films	3.2	2.8	3.7	4.1	U.S.
Photographers' films	5.8	6.6	6.3	5.4	U.S.
Mechanical toys of metal	2.6	2.4	2.7	2.8	Japan
Toys of all kinds, n.o.p.	8.4	8.9	9.0	8.5	U.S.
Sportsmen's fishing tackle, n.o.p.	3.9	4.6	4.6	3.6	U.S.
Buttons, n.o.p.	1.3	1.2	1.5	1.4	U.S.
Appliances and parts for the deaf	2.3	2.8	2.7	2.8	U.S.
Jewellery, n.o.p.	5.3	5.4	5.1	5.2	U.S.
Pocketbooks, portfolios and purses	5.3	6.2	7.9	9.2	U.S.
Electric refrigerators, n.o.p.	16.0	16.7	15.8	11.4	U.S.
Refrigerator parts	11.6	9.6	14.8	13.0	U.S.
Spectacle frames and parts, n.o.p.	3.1	3.0	3.4	3.3	U.S.
Electric, farm or home freezers	7.2	8.3	7.0	4.5	U.S.
X-ray apparatus	4.0	4.7	4.0	5.0	U.S.
Cameras and camera parts, n.o.p.	6.8	7.5	7.7	8.0	U.S.
Operating room equipment	4.2	4.4	4.6	4.8	U.S.
Dental instruments	2.3	3.0	2.6	2.7	U.S.
Optical and philosophical instruments	4.6	4.9	5.3	5.1	U.S.
Surgical instruments	5.5	6.5	7.6	8.6	U.S.
Aircraft parts (except engines and parts)	75.4	68.8	57.6	76.7	U.S.
Aircraft	18.3	26.0	19.1	39.8	U.S.
Photographic accessories, parts	5.9	6.2	6.5	6.5	U.S.
Thermometers	1.3	1.4	1.5	1.4	U.S.
Wheelbarrows, hand trucks, carts	1.3	1.3	1.5	1.4	U.S.
Miners, rescue appliances	2.1	1.7	2.4	2.5	U.S.
Sheet safety glass adhesives	1.1	.9	1.1	.8	U.S.

n.o.p. — not otherwise provided for.

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